

## XP-002266310

AN - 1998-026925 [03]

AP - JP19960103083 19960425

CPY - KURS

DC - A96 D22 F07 P21 P32

FS - CPI;GMPI

IC - A41B13/04 ; A61F5/44 ; A61F13/54 ; D04H13/00 ; D06M17/00

MC - A12-V03A D09-C03 D09-C04D F02-C01 F04-C01

PA - (KURS ) KURARAY CO LTD

PN - JP9285488 A 19971104 DW199803 A61F13/54 006pp

PR - JP19960103083 19960425

XA - C1998-009166

XIC - A41B-013/04 ; A61F-005/44 ; A61F-013/54 ; D04H-013/00 ; D06M-017/00

XP - N1998-021457

AB - J09285488 A stretchable composite sheet consists of a nonwoven fabric

being stretchable at least laterally with an elongation of 100% or higher and having an elastic sheet having a stretchability with an elongation of 400-800%, joined weakly in the central region or unjoined to form a stretch maintaining area and heat-fused entirely in the right and left end areas in the lateral direction to form non stretchable areas. Both areas are composed of the fabric and sheet alone in integrated form. The composite sheet permits formation of bonding parts in which a specified bonding part material is bonded to the end area while retaining the stretchability. Pref. the elastic sheet is an elastic film. Also claimed are: (i) a diaper side part material composed of the composite sheet: one end in the lateral direction is bonded to the diaper body, and an engaging part to the body is bonded to the other end; and (ii) production of the stretchable composite sheet comprising introducing a stretchable elastic sheet and a nonwoven fabric stretchable at least laterally, with the fabric superimposed on at least one side of the sheet, between a nip roll having convex parts on the peripheral surface at specified intervals in the width direction of the roll and a press roll consisting of a cooling roll opposite to the nip roll in order to join the sheet and fabric thermally at the convex parts of the nip roll in the longitudinal direction.

- USE - The composite sheet is used as side part materials for diapers and also available as a stretchable fixing part material for supports used in sports.

- ADVANTAGE - The composite sheet ensures stable connection and fixing and is easy to produce industrially with consistent quality.

- (Dwg.0/3)

IW - STRETCH COMPOSITE SHEET SUIT DISPOSABLE DIAPER COMPRISE INTEGRATE NON WOVEN FABRIC ELASTIC SHEET LATERAL STRETCH NON STRETCH AREA

IKW - STRETCH COMPOSITE SHEET SUIT DISPOSABLE DIAPER COMPRISE INTEGRATE NON WOVEN FABRIC ELASTIC SHEET LATERAL STRETCH NON STRETCH AREA

NC - 001

OPD - 1996-04-25

ORD - 1997-11-04

PA - (KURS ) KURARAY CO LTD

**laterally stretchable and non-stretchable areas**

**A01 - [001] 018 ; P0000 ; S9999 S1285-R ; S9999 S1581 ; S9999 S1183  
S1161 S1070 ;**

**- [002] 018 ; ND01 ; K9416 ; K9518 K9483 ; K9574 K9483 ; K9687  
K9676 ; K9712 K9676 ; B9999 B3930-R B3838 B3747 ; B9999 B3883 B3838  
B3747 ; N9999 N6166 ; N9999 N6939-R ; Q9999 Q7556 ; Q9999 Q9052-R ;  
Q9999 Q8004 Q7987 ;**